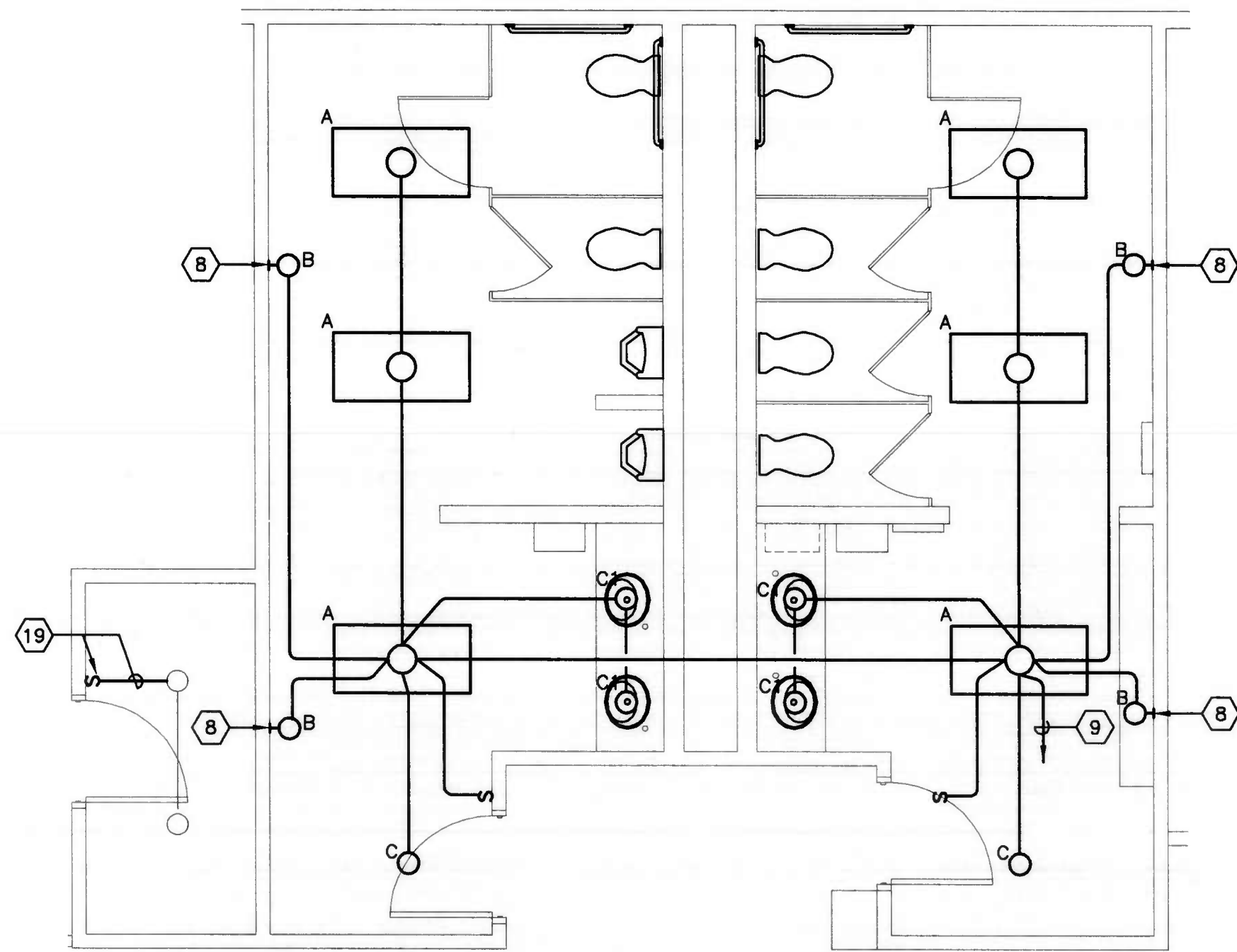


FLOOR PLAN - DEMOLITION - ELECTRICAL

SCALE: 1/4" = 1'-0"



FLOOR PLAN - NEW WORK - LIGHTING

SCALE: 1/4" = 1'-0"

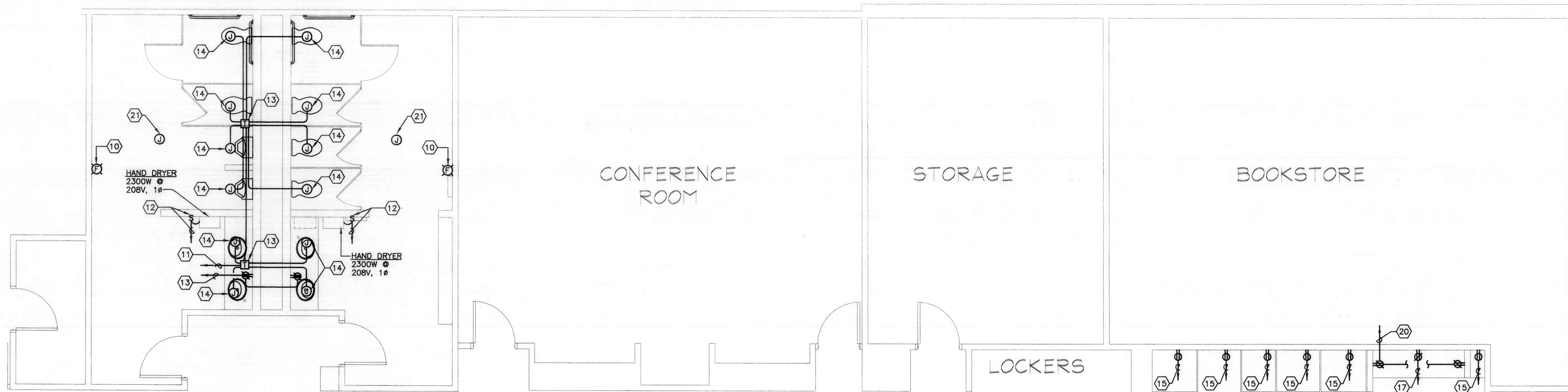
DEMOLITION NOTES:

1. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL ON MATERIAL THAT IS REMOVED.
2. MATERIAL THAT IS REMOVED AND NOT CLAIMED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL DISPOSE OF IT LEGALLY.
3. BRANCH CIRCUITS THAT ARE BROKEN BY THE REMOVAL OF DEVICES SHALL BE REPAIRED AND RETURNED TO AN OPERABLE CONDITION.

LIGHTING FIXTURE SCHEDULE

NOTE: VERIFY CEILING AND WALL CONSTRUCTION AND FINISHES WITH THE ARCHITECT'S DRAWINGS AND FINISH SCHEDULES FURNISH PROPER MOUNTING FRAMES, BRACKETS AND HARDWARE AS REQUIRED TO BE COMPATIBLE WITH ARCHITECTURAL FINISHES. MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF FIXTURE

| TYPE | DESCRIPTION | VOLTS | LAMPS | NO. | TYPE | MAX W. | MOUNTING | MANU. / MODEL No. |
|------|--|-------------------|-------|-----|----------------------|--------|------------------|--------------------------------|
| A | 2X4 FLUORESCENT LAY IN WITH DIE FORMED STEEL HOUSING, BAKED ON WHITE ENAMEL FINISH, 3" DEEP ALUMINUM PARABOLIC LOUVER AND ELECTRONIC BALLAST. | UNIVERSAL 120/277 | 2 | | F32/T8 | 74 | CEILING RECESSED | LIGHTOLIER 'DPA2G' SERIES |
| B | EMERGENCY BATTERY UNIT WITH DIE CAST ALUMINUM HOUSING, BAKED ON WHITE ENAMEL FINISH, MAINTENANCE FREE LEAD CALCIUM BATTERY AND BUILT IN CHARGER. | UNIVERSAL 120/277 | 2 | | 6W XENON (WITH UNIT) | 25 | WALL SURFACE | LITHONIA 'AFFINITY' SERIES |
| C | COMPACT FLUORESCENT DOWNLIGHT WITH 6 3/4" DIA. SPECULAR CLEAR ALZAK ALUMINUM REFLECTOR AND ELECTRONIC BALLAST. | UNIVERSAL 120/277 | 1 | | 32 WATT TRIPLE TUBE | 37 | CEILING RECESSED | LIGHTOLIER 'LYTECASTER' SERIES |
| C1 | COMPACT FLUORESCENT DOWNLIGHT WITH 5" DIA. MATTE BLACK STEP BAFFLE REFLECTOR AND ELECTRONIC BALLAST. | 277 | 1 | | 13 WATT QUAD | 17 | CEILING RECESSED | LIGHTOLIER 'LYTECASTER' SERIES |



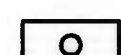
FLOOR PLAN - NEW WORK - POWER

SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND

NOTES:

1. MOUNTING HEIGHTS SHALL BE TO THE CENTER OF THE DEVICE ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.



LIGHTING FIXTURE - 2'X4' FLUORESCENT FIXTURE TYPE AS SPECIFIED



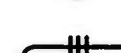
LIGHTING FIXTURE - RECESSED OR SURFACE MOUNTED - TYPE AS SPECIFIED



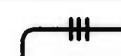
EMERGENCY LIGHT - TYPE AS SPECIFIED



JUNCTION BOX FLUSH OR SURFACE MOUNTED ON WALL



WIRING IN OR ON CEILINGS AND WALLS, FOR BRANCH CIRCUITS, HASH MARKS INDICATE THE NUMBER OF CONDUCTORS IF MORE THAN THE DEFAULT OF 2 PLUS GROUND. SEE PANELBOARD SCHEDULE FOR WIRING METHOD, SIZES OF CONDUCTORS AND SIZES OF CONDUIT WHERE APPLICABLE.



HOMERUN TO PANEL HASH MARKS INDICATE THE NUMBER OF CONDUCTORS IF MORE THAN THE DEFAULT OF 2 PLUS GROUND. SEE PANELBOARD SCHEDULE FOR WIRING SIZES AND NUMBER OF CONDUCTORS.



SINGLE POLE SWITCH - M.H. 48" A.F.F.



MANUAL MOTOR STARTER WITH THERMAL OVERLOADS - M.H. 48" A.F.F.



DUPLEX RECEPTACLE - NEMA 5-20R CONFIGURATION - M.H. 18" A.F.F.



DOUBLE DUPLEX RECEPTACLE - NEMA CONFIGURATION - 5-20R - M.H. 18" A.F.F.



DUPLEX RECEPTACLE - 5-20R NEMA CONFIGURATION



DIAGONAL LINE DENOTES RECEPTACLE MOUNTED AT 42" A.F.F. OR 8" ABOVE COUNTER



MOTOR - HORSEPOWER INDICATED WHERE APPLICABLE



SAFETY DISCONNECT OR SWITCH.



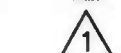
PANELBOARD - SURFACE MOUNTED, RECESSED MOUNTED - M.H. 6'-6" TO TOP



FIRE ALARM VISUAL APPLIANCE. SUBSCRIPT DENOTES CANDELLA RATING. M.H. 80" A.F.F. TO BOTTOM OF LENS.



SPECIFIC NOTE - REFER TO SPECIFIC NOTES



REVISION NOTE - REFER TO REVISION BLOCK

ELECTRICAL ABBREVIATIONS

ABBREVIATIONS, DESCRIPTION

| | |
|----------|---------------------------|
| A | AMPERE |
| AFF | ABOVE FINISHED FLOOR |
| AIC | AMPS INTERRUPTING CURRENT |
| AWG | AMERICAN WIRE GAUGE |
| C | CONDUIT |
| EF | EXHAUST FAN |
| EMT | ELECTRIC METALIC TUBING |
| FLA | FULL LOAD AMPS |
| G OR GRD | GROUND |
| GFI | GROUND FAULT INTERRUPTER |
| HP | HORSEPOWER |
| KV | KILOVOLTS |
| KVA | KILO-VOLT-AMPERE |
| KW | KILOWATTS |
| LTG | LIGHTING |
| MCB | MAIN CIRCUIT BREAKER |
| MH | MOUNTING HEIGHT |
| MLO | MAIN LUGS ONLY |
| NEC | NATIONAL ELECTRIC CODE |
| NL | NIGHT LIGHT |
| P | POLE |
| Ø OR PH | PHASE |
| RLA | RUN LOAD AMPS |
| RM | ROOM |
| UL | UNDERWRITERS LAB |
| V | VOLTS |
| W | WATTS |
| WH | WATER HEATER |
| WP | WEATHER-PROOF |

SPECIFIC NOTES (APPLY TO DRAWING E101 WHERE INDICATED):

1. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE, SWITCHES AND ASSOCIATED BRANCH CIRCUITING. EXISTING LIGHTING BRANCH CIRCUIT SHALL REMAIN FOR REUSE.
2. DISCONNECT AND REMOVE EXISTING ELECTRIC HAND DRYER, AND ASSOCIATED BRANCH CIRCUIT.
3. DISCONNECT AND REMOVE EXISTING RECEPTACLE. EXISTING RECEPTACLE BRANCH CIRCUIT SHALL REMAIN FOR REUSE.
4. DISCONNECT AND REMOVE EXISTING FIRE ALARM SYSTEM DEVICE AND SAVE FOR REUSE. EXISTING FIRE ALARM SYSTEM CIRCUIT SHALL REMAIN FOR REUSE.
5. DISCONNECT AND REMOVE EXISTING CEILING SPEAKER. SPEAKER AND SPEAKER SYSTEM WIRING SHALL BE SAVED FOR REUSE.
6. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE AND ASSOCIATED BRANCH CIRCUITING.
7. DISCONNECT AND REMOVE EXISTING VENDING MACHINE RECEPTACLES. EXISTING BRANCH CIRCUITS SHALL REMAIN FOR REFEED OF RELOCATED VENDING MACHINES.
8. CONNECT EMERGENCY BATTERY UNIT TO UNSWITCHED PORTION OF LIGHTING BRANCH CIRCUITS.
9. EXTEND AND CONNECT 2#12, 1#12GRD., 3/4"C. TO BRANCH CIRCUIT THAT PREVIOUSLY FED LIGHTING IN THIS AREA.
10. RELOCATE FIRE ALARM DEVICES SAVED FOR REUSE AND CONNECT TO EXISTING FIRE ALARM CIRCUIT THAT PREVIOUSLY FED THIS AREA.
11. EXTEND AND CONNECT 2#12, 1#12 GRD., 3/4"C. TO EXISTING BRANCH CIRCUIT THAT PREVIOUSLY FED RECEPTACLES IN THIS AREA.
12. PROVIDE 20 AMP, 277 VOLT, DOUBLE POLE, SINGLE THROW SWITCH 6" BELOW CEILING TO ACT AS DISCONNECT FOR HAND DRYER. PROVIDE PLASTIC LAMINATE NAME PLATE TO READ "HAND DRYER DISCONNECT". PROVIDE NEW 20 AMP, 2 POLE CIRCUIT BREAKER IN EXISTING PANEL BOARD 'K1A' IN ADJACENT ROOM (PLAN LEFT). EXTEND AND CONNECT 2#12, 1#12 GRD., 3/4"C. (APPROXIMATELY 60'-0") TO NEW 20 AMP, 2 POLE CIRCUIT BREAKER IN PANEL 'K1A'.
13. TRANSFORMER FOR AUTOMATIC FLUSH VALVES, FURNISHED UNDER DIVISION 15 AND CONNECTED UNDER DIVISION 16. PROVIDE NEW 20 AMP, 1 POLE CIRCUIT CIRCUIT BREAKER IN EXISTING PANEL BOARD 'K1A' IN ADJACENT ROOM (PLAN LEFT). EXTEND AND CONNECT 2#12, 1#12 GRD., 3/4"C. (APPROXIMATELY 60'-0") TO NEW 20 AMP, 1 POLE IN EXISTING PANEL 'K1A'.
14. JUNCTION BOX FOR LOW VOLTAGE CONNECTION TO AUTOMATIC VALVE, COORDINATE FINAL LOCATION PER VALVE INSTALLERS DIRECTION.
15. RECONNECT VENDING MACHINE RECEPTACLES TO BRANCH CIRCUITS THAT PREVIOUSLY FED VENDING MACHINES (REFER TO NOTE 7).
16. DISCONNECT AND REMOVE EXISTING MICROWAVE RECEPTACLE. EXISTING BRANCH CIRCUIT SHALL REMAIN FOR REFEED OF RELOCATED MICROWAVE.
17. RECONNECT MICROWAVE OVEN TO BRANCH CIRCUIT THAT PREVIOUSLY FED MICROWAVE (REFER TO NOTE 16).
18. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH.
19. PROVIDE NEW LIGHT SWITCH AND TIE INTO EXISTING STORAGE ROOM LIGHTING FIXTURES.
20. PROVIDE 20 AMP, 1 POLE CIRCUIT BREAKER IN EXISTING PANEL BOARD 'K1A' IN ROOM ADJACENT TO MENS ROOM (PLAN LEFT). EXTEND AND CONNECT 2#12, 1#12 GRD., 3/4"C. (APPROXIMATELY 170'-0") TO NEW 20 AMP, 1 POLE CIRCUIT BREAKER IN EXISTING PANEL 'K1A'.
21. RECONNECT SPEAKERS SAVED FOR REUSE TO EXISTING SOUND SYSTEM.

CONSULTANTS:

PROJECT:

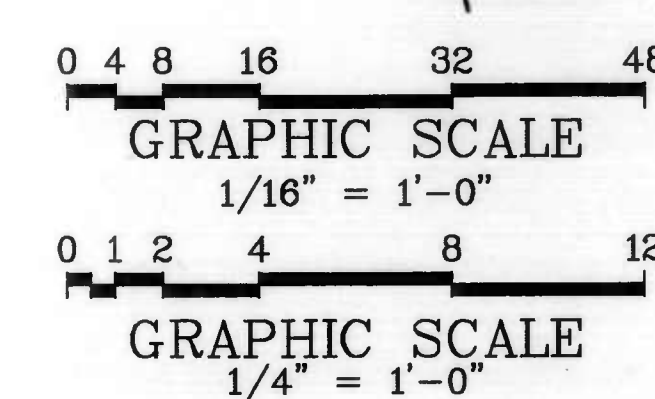
**CCBC - DUNDALK
BATHROOM REMODEL
7200 SOLLERS POINT ROAD
BALTIMORE, MD 21222**

| | |
|-----------|------------|
| PROJ. NO. | 20219 |
| DATE: | 08/28/04 |
| SCALE: | AS NOTED |
| REVISION: | |
| 8/25/04 | PERMIT/BID |

**FLOOR PLANS,
LEGEND,
ABBREVIATIONS
AND SCHEDULES**

SHEET NO. 1 OF 2

E101



ELECTRICAL DRAWING LIST:

- E101 FLOOR PLANS, LEGEND, ABBREVIATIONS AND SCHEDULES
- E102 SPECIFICATIONS